

ABSTRACT OF THE DISCLOSURE

A heater control is performed without problems when a normal detection of a power source frequency cannot be performed. A heater control apparatus is
5 configured and arranged to be operable by an alternating current having one of a plurality of frequencies. The heater control apparatus detects a zero-cross point of a voltage waveform of the alternating current to be supplied to a heater so as to generate a zero-cross
10 signal and controls an electric power supply to the heater by using the zero-cross signal as a reference. At a time of turning a power on, the frequency of the alternating current is tentatively determined before the frequency is detected so as to control the electric
15 power supply to the heater based on the tentatively determined frequency, and to control the electric power supply to the heater, after the frequency of the alternating current is detected, based on the detected frequency.